

# WEST Search History for Application 10758142

Creation Date: 2010042909:53

536/29.1.icls. or 536/29.1.ccls. or 55/1.icls. or 55/1.ccls. 536/123.icls. or 536/123.ccls. or 514/42.icls. or 514/42.ccls. or 514/54.icls. or 514/54.ccls.PGPB, USPT ADJ YES 02-22-2008  
 (536/29.1.icls. or 536/29.1.ccls. or 55/1.icls. or 55/1.ccls. 536/123.icls. or 536/123.ccls. or 514/42.icls. or 514/42.ccls. or 514/54.icls. or 514/54.ccls. ) and (pneumococcus or (streptococcus pneumoniae))PGPB, USPT ADJ YES 02-22-2008  
 (536/29.1.icls. or 536/29.1.ccls. or 55/1.icls. or 55/1.ccls. 536/123.icls. or 536/123.ccls. or 514/42.icls. or 514/42.ccls. or 514/54.icls. or 514/54.ccls. and (pneumococcus or (streptococcus pneumoniae)) ) and ((type 5) or (type V))PGPB, USPT ADJ YES 02-22-2008  
 (536/29.1.icls. or 536/29.1.ccls. or 55/1.icls. or 55/1.ccls. 536/123.icls. or 536/123.ccls. or 514/42.icls. or 514/42.ccls. or 514/54.icls. or 514/54.ccls. and (pneumococcus or (streptococcus pneumoniae)) and ((type 5) or (type V)) ) and (vaccin\$ or immun\$)PGPB, USPT ADJ YES 02-22-2008  
 (536/29.1.icls. or 536/29.1.ccls. or 55/1.icls. or 55/1.ccls. 536/123.icls. or 536/123.ccls. or 514/42.icls. or 514/42.ccls. or 514/54.icls. or 514/54.ccls. and (pneumococcus or (streptococcus pneumoniae)) and ((type 5) or (type V)) ) and (@AD<20030122 or @RLAD<20031022 or @PRAD<20030122)PGPB, USPT ADJ YES 02-22-2008  
 536/29.1.icls. or 536/29.1.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 514/42.icls. or 514/42.ccls. or 514/54.icls. or 514/54.ccls.PGPB, USPT ADJ YES 11-25-2008  
 (536/29.1.icls. or 536/29.1.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 514/42.icls. or 514/42.ccls. or 514/54.icls. or 514/54.ccls. ) and ((reductive amination) near (cyanoborohydride or CNBH3))PGPB, USPT ADJ YES 11-25-2008  
 (536/29.1.icls. or 536/29.1.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 514/42.icls. or 514/42.ccls. or 514/54.icls. or 514/54.ccls. ) and (reductive amination)PGPB, USPT ADJ YES 11-25-2008  
 (536/29.1.icls. or 536/29.1.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 514/42.icls. or 514/42.ccls. or 514/54.icls. or 514/54.ccls. and (reductive amination) ) and (antigen or vaccine or pneumoniae or pneumococcus)PGPB, USPT ADJ YES 11-25-2008  
 (536/29.1.icls. or 536/29.1.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 514/42.icls. or 514/42.ccls. or 514/54.icls. or 514/54.ccls. and (reductive amination) and (antigen or vaccine or pneumoniae or pneumococcus) ) and (@AD<20030122 or @RLAD<20030122 or @PRAD<20030122)PGPB, USPT ADJ YES 11-25-2008  
 (536/29.1.icls. or 536/29.1.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 514/42.icls. or 514/42.ccls. or 514/54.icls. or 514/54.ccls. and (reductive amination) and (antigen or vaccine or pneumoniae or pneumococcus) and (@AD<20030122 or @RLAD<20030122 or @PRAD<20030122) ) and (cyanoborohydride or CNBH3 or NaCNBH3)PGPB, USPT ADJ YES 11-25-2008

## Interference Searches

Query	DB	Op.	Plur.	Thes.	Date
(514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or	PGPB, USPT,	ADJ	YES		09-04-2009

536/123.1.i.c.l.s. or 536/123.1.c.c.l.s. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and (pneumococcus or (streptococcus pneumoniae)) not 514/54.i.c.l.s. or 514/54.c.c.l.s. or 536/55.1.i.c.l.s. or 536/55.1.c.c.l.s. or 536/123.i.c.l.s. or 536/123.c.c.l.s. or 536/123.1.i.c.l.s. or 536/123.1.c.c.l.s. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and ketone and ((reductive amination) or (reductively aminated))) or (514/54.i.c.l.s. or 514/54.c.c.l.s. or 536/55.1.i.c.l.s. or 536/55.1.c.c.l.s. or 536/123.i.c.l.s. or 536/123.c.c.l.s. or 536/123.1.i.c.l.s. or 536/123.1.c.c.l.s. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and ketone)	UPAD				
(514/54.i.c.l.s. or 514/54.c.c.l.s. or 536/55.1.i.c.l.s. or 536/55.1.c.c.l.s. or 536/123.i.c.l.s. or 536/123.c.c.l.s. or 536/123.1.i.c.l.s. or 536/123.1.c.c.l.s. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and (pneumococcus or (streptococcus pneumoniae)) not 514/54.i.c.l.s. or 514/54.c.c.l.s. or 536/55.1.i.c.l.s. or 536/55.1.c.c.l.s. or 536/123.i.c.l.s. or 536/123.c.c.l.s. or 536/123.1.i.c.l.s. or 536/123.1.c.c.l.s. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and ketone and ((reductive amination) or (reductively aminated))) or (514/54.i.c.l.s. or 514/54.c.c.l.s. or 536/55.1.i.c.l.s. or 536/55.1.c.c.l.s. or 536/123.i.c.l.s. or 536/123.c.c.l.s. or 536/123.1.i.c.l.s. or 536/123.1.c.c.l.s. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and ketone)	PGPB, USPT, UPAD	ADJ	YES		09-04-2009
(514/54.i.c.l.s. or 514/54.c.c.l.s. or 536/55.1.i.c.l.s. or 536/55.1.c.c.l.s. and (pneumococcus or pneumococcal)) and ((type 5) or (type V))	PGPB, USPT, UPAD	ADJ	YES		04-29-2010
(514/54.i.c.l.s. or 514/54.c.c.l.s. or 536/55.1.i.c.l.s. or 536/55.1.c.c.l.s. and (pneumococcus or pneumococcal)) and ((reductive amination) or (reductively aminated))	PGPB, USPT, UPAD	ADJ	YES		04-29-2010
(514/54.i.c.l.s. or 514/54.c.c.l.s. or 536/55.1.i.c.l.s. or 536/55.1.c.c.l.s. and (pneumococcus or pneumococcal)) and (fuco \$ or quinovo \$)	PGPB, USPT, UPAD	ADJ	YES		04-29-2010
(514/54.i.c.l.s. or 514/54.c.c.l.s. or 536/55.1.i.c.l.s. or 536/55.1.c.c.l.s. and (pneumococcus or pneumococcal) and (fuco \$ or quinovo \$)) not (514/54.i.c.l.s. or 514/54.c.c.l.s. or 536/55.1.i.c.l.s. or 536/55.1.c.c.l.s. and (pneumococcus or pneumococcal) and ((reductive amination) or (reductively aminated)))	PGPB, USPT, UPAD	ADJ	YES		04-29-2010
(514/54.i.c.l.s. or 514/54.c.c.l.s. or 536/55.1.i.c.l.s. or	PGPB,	ADJ	YES		04-29-2010

536/55.1.ccls. and (pneumococcus or pneumococcal) and (fuco \$ or quinovo \$) not 514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. and (pneumococcus or pneumococcal) and ((reductive amination) or (reductively aminated))) not (514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. and (pneumococcus or pneumococcal) and ((type 5) or (type V)))	USPT, UPAD				
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## Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 536/123.1.icls. or 536/123.1.ccls.	PGPB, USPT	ADJ	YES		09-04-2009
514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 536/123.1.icls. or 536/123.1.ccls.	PGPB, USPT	ADJ	YES		09-04-2009
(514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 536/123.1.icls. or 536/123.1.ccls. ) and (capsular polysaccharide)	PGPB, USPT	ADJ	YES		09-04-2009
(514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 536/123.1.icls. or 536/123.1.ccls. and (capsular polysaccharide) ) and ((reductive amination) or (reductively aminated))	PGPB, USPT	ADJ	YES		09-04-2009
(514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 536/123.1.icls. or 536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated))) and ketone	PGPB, USPT	ADJ	YES		09-04-2009
(514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 536/123.1.icls. or 536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated))) and (pneumococcus or (streptococcus pneumoniae))	PGPB, USPT	ADJ	YES		09-04-2009
L14s (514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 536/123.1.icls. or 536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated))) and (pneumococcus or (streptococcus pneumoniae)) ) not (514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 536/123.1.icls. or 536/123.1.ccls.	PGPB, USPT	ADJ	YES		09-04-2009

536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and ketone )					
(514/54.1cls. or 514/54.ccls. or 536/55.1.1cls. or 536/55.1.ccls. or 536/123.1cls. or 536/123.ccls. or 536/123.1.1cls. or 536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and (pneumococcus or (streptococcus pneumoniae)) ) not (514/54.1cls. or 514/54.ccls. or 536/55.1.1cls. or 536/55.1.ccls. or 536/123.1cls. or 536/123.ccls. or 536/123.1.1cls. or 536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and ketone )	PGPB, USPT	ADJ	YES		09-04-2009
(514/54.1cls. or 514/54.ccls. or 536/55.1.1cls. or 536/55.1.ccls. or 536/123.1cls. or 536/123.ccls. or 536/123.1.1cls. or 536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and (pneumococcus or (streptococcus pneumoniae)) not 514/54.1cls. or 514/54.ccls. or 536/55.1.1cls. or 536/55.1.ccls. or 536/123.1cls. or 536/123.ccls. or 536/123.1.1cls. or 536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and ketone ) and ((reductive amination) or (reductively aminated))	PGPB, USPT	ADJ	YES		09-04-2009
(514/54.1cls. or 514/54.ccls. or 536/55.1.1cls. or 536/55.1.ccls. or 536/123.1cls. or 536/123.ccls. or 536/123.1.1cls. or 536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and (pneumococcus or (streptococcus pneumoniae)) not 514/54.1cls. or 514/54.ccls. or 536/55.1.1cls. or 536/55.1.ccls. or 536/123.1cls. or 536/123.ccls. or 536/123.1.1cls. or 536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and ketone ) and (@AD<20030117 or @RLAD<20030117 or @PRAD<20030117)	PGPB, USPT	ADJ	YES		09-04-2009
(514/54.1cls. or 514/54.ccls. or 536/55.1.1cls. or 536/55.1.ccls. or 536/123.1cls. or 536/123.ccls. or 536/123.1.1cls. or 536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and (pneumococcus or (streptococcus pneumoniae)) not 514/54.1cls. or 514/54.ccls. or 536/55.1.1cls. or 536/55.1.ccls. or 536/123.1cls. or 536/123.ccls. or 536/123.1.1cls. or 536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and	PGPB, USPT	ADJ	YES		09-04-2009

ketone and (@AD<20030117 or @RLAD<20030117 or @PRAD<20030117) ) and borohydride					
(514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 536/123.1.icls. or 536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and (pneumococcus or (streptococcus pneumoniae)) not 514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 536/123.1.icls. or 536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and ketone and (@AD<20030117 or @RLAD<20030117 or @PRAD<20030117) ) and ((type 5) or (type V))	PGPB, USPT	ADJ	YES		09-04-2009
(514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 536/123.1.icls. or 536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and (pneumococcus or (streptococcus pneumoniae)) not 514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. or 536/123.1.icls. or 536/123.1.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and ketone and ((reductive amination) or (reductively aminated)) or (514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. or 536/123.icls. or 536/123.ccls. and (capsular polysaccharide) and ((reductive amination) or (reductively aminated)) and ketone )	PGPB, USPT	ADJ	YES		09-04-2009
514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls.	PGPB, USPT	ADJ	YES		04-29-2010
(514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. ) and (pneumococcus or pneumococcal)	PGPB, USPT	ADJ	YES		04-29-2010
(514/54.icls. or 514/54.ccls. or 536/55.1.icls. or 536/55.1.ccls. and (pneumococcus or pneumococcal) ) and ((type 5) or (type V))	PGPB, USPT	ADJ	YES		04-29-2010